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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/234,427	01/20/1999	AMOS INTRATER	NSC8-8400	6107

33402 7590 06/25/2003

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EXAMINER

PAN, DANIEL H

ART UNIT	PAPER NUMBER
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2183

DATE MAILED: 06/25/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/234,427

Applicant(s)

INTRATER ET AL.

Examiner

Pan

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 February 2003.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2-8, 18, 27 and 36-39 is/are pending in the application.
- 4a) Of the above claim(s) See Continuation Sheet is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2-8, 18, 27 and 36-39 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☒ Interview Summary (PTO-413) Paper No(s). herein.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Continuation of Disposition of Claims: Claims withdrawn from consideration are , 9-17, 19-26,28-35, 40-44 have been canceled and .

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1. Claims 1,9, and 10 have been canceled (see page 7 in the declaration). Claims 2-8 are the remaining original claims. Claims 11-44 have been added, and of these claims, claims 11-17,19-26, 28-35,40-44 have been canceled. Claims 2-8,18,27,36-39 are allowable over the art of record.

1. The reissue oath/declaration filed with this application is defective because it fails to contain the statement required under 37 CFR 1.175(a)(1) as to applicant's belief that the original patent is wholly or partly inoperative or invalid. See 37 CFR 1.175(a)(1) and see MPEP § 1414. The supplemental declaration for reissue patent application to correct "errors" statement as set forth in 37 CFR 1.175 has not been provided.

2. In response to the applicant's amendment filed on 02/03/03, The amendment and remarks filed on 02/03/03 have been considered and have been found persuasive, The status of the claims are now :

- a) claims 2-8,18,27, and 36-39 have been allowed. (reasons of allowance is recited in next section of this Office action);
- b) claims 1, 9-17, 19-26,28-35, 40-44 have been canceled.

This action is sent to the applicant based on the interview with applicant that an extensive time to prepare the supplemental declaration by the applicants in distant geographic areas may be required, however, the Office action is due for present time, therefore, this is a final action in due course to the applicant in response to the amendment. The Supplemental Declaration is expected by the Office from the applicant after the Final action.

None of the prior art of record teaches :

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- a) transfer of the general purpose instructions to the digital signal execution unit from the shared external memory via the shared internal bus (claim 2);
- b) The digital execution unit which includes the control register, the multiply/accumulator, and the DSP address generator (claim 4);
- c) the shared bus interface connected between the shared internal bus and a shared external bus that store data, instructions and operands (Claim 7);
- d) the first bus, having a register and starting execution of an instruction in response to GPP loading information into the register, the DSP only executes a single instruction when the information is loaded into the register (claim 18);
- e) the DSP only executes a single instruction when the information, loaded by the GPP, is loaded into the register (claim 27);
- f) the retrieval of operands required by the instruction from memory by processing the information loaded into the register by the GPP, the DSP only executes a single instruction when the information is loaded into the register (claim 36).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose telephone number is 703 305 9696.

The examiner can normally be reached on M-F from 8:00 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on (703) 305 9712. The fax phone number for the organization where this application or proceeding is assigned are :

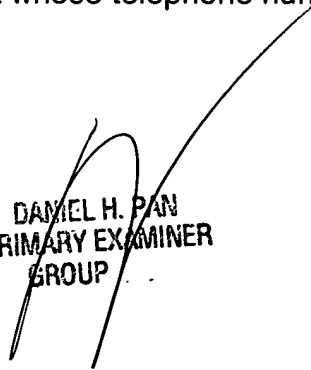
before final 703 746 7239

b) after final 703 746 7238

c) customer service 703 746 7240.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 305 3900.

  
DANIEL H. PAN  
PRIMARY EXAMINER  
GROUP